



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

von BORSTEL et al

Atty. Ref.: 1331-408

Serial No. 10/601,863

TC/A.U.: 1614

Filed: June 24, 2003

Examiner: Unassigned

For: PYRIMIDINE NUCLEOTIDE PRECURSORS FOR TREATMENT ...

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May 6, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, and supplemental to the IDS filed June 24, 2003, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449. Copies are attached. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

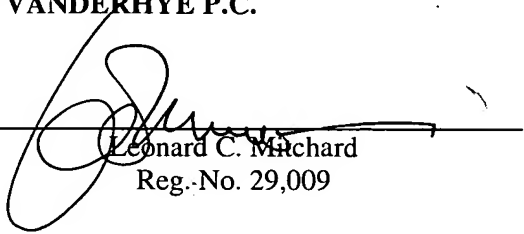
In the PTO 1449 which accompanied the IDS filed June 24, 2003, the reference to "80/03838" should have read "89/03838". Attached is a corrected PTO 1449 showing that correction. A copy of that reference is also attached. It is requested that the attached corrected PTO 1449 be substituted for the PTO 1449 attached to the IDS dated June 24, 2003.

The Examiner is requested to initial the attached PTO-1449 forms and to return a copy of the initialed documents to the undersigned as an indication that the listed references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____


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INFORMATION DISCLOSURE
CITATION

ATTY. DOCKET NO.

SERIAL NO.

1331-408

Unassigned

APPLICANT

von BORSTEL et al

(Use several sheets if necessary)

FILING DATE

GROUP

June 24, 2003

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,161,565	12/1964	Vigneron			
	4,874,602	10/1989	Calabresi et al			
	3,868,451	02/1975	Stein et al			
	4,757,139	07/1988	Kawaguchi et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
94/13687	06/1994	WO			
WO 89/03837	05/1989	PCT			x
WO 89/03838	05/1989	PCT			x
1 297 398	11/1972	Great Britain			x
60-174797	02/1984	Japanese (Abstract)			x

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

Derwent Abstract No. 91-212578 of Japanese Publication JO 3135918 (Ajinomoto) (1991)
Aderka et al, "Med Hypotheses", (1988), 27:193-6
Arai M. et al, "Hepatology" (1989) 9:846-851
Bowers et al., "J. Surg. Res." (1989) 47:183-8
Cerra et al, in "Molecular and Cellular Mechanisms of Septic Shock" 265-277, Alan R, Liss (1989)
Clark et al, "Am. J. Pathol." (1987), 129:192-9
Echtenacher et al, "J. Immunol." 145:3762-3766 (1990)
Engelhardt, R. et al, "Cancer. Res." (1991), 51:2524-30
Farrar and Corwin, Ann. "N.Y. Acad. Sci." 133:668-684 (1966)
Galanos et al, "PNAS", 76:5939-5943, (1979)
Gut et al, "J. Infect. Disease." (1984) 149:621
Halacheva et al, "Toxicon" (1988), 26:571-576
Havell, "J. Immunol." 139:4225-4231 (1987)
Kang et al, "J. Histochem. Cytochem." (1988), 36:665-678
Kilpatrick et al, "Metabolism" (1989) 38:73-7
Kimura et al, "Cancer, Chemother, Pharmacol" (1987); 20:223-9
Lomanto et al, "Anesth. Analg." (1972), 51:264-270
Markley et al, "J. Trauma" 10:598-607, (1970)
McClain CJ and Cohen DA, "Hepatology" (1989) 9:349-351
Nolan JP, "Gastroenterology" 69:1346-1356 (1975)
Nolan, JP, "Hepatology" (1989), 10:887-91
Nolan JP and Leibowitz AI, "Gasterenterology" (1978), 75:445-9
O'Sullivan, "Aust. N.Z. J. Med.", (1973) 3:417-422
Pappo et al, "J. Surg. Res." (1991) 51:106-12
Pates et al, "Farmakol Toksikol" (1968), 31:717-719
Rosenthal et al, "Toxicology" 56:239-251 (1989)

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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	Seljelid, "Scand. J. Immunol." (1989), 29:181-92
	Shafer et al "Gastroenterology" (1961), 40:782-784
	Shirai et al "Acta Pathol. Jpn." (1987) 37:1127-1134
	Taki et al "Eur. Surg. Res." (1985), 17:140-9
	Tiegs et al "J. Clin. Invest." (1992) 90:196-203
	Van Bladel et al "Cytokine" (1991) 3:149-54
	Van Groeningen et al "Proceedings of the AACR" (1987), 28:195
	Van Groeningen et al "Cancer Tret Rep." (1986), 70:745-50
	Viens et al "J. Immunother" (1992), 11:218-24
	Von Euler et al "J. Bol. Chem." (1963), 238:2464-2469
	Wang et al "Arch. Surg." (1991), 126:219-224
	Martin et al, J. Pharm. Sci., V. 76, No. 2 (February 1987) p. 180-183 "Synthesis and Antiviral Activity of Various Esters of 9-[1,3-Dihydroxy-2-propoxy)methyl]guanine"
	Casida et al, Biochemical Pharmacology, V. 15, (1966) p. 627-664 "3',5'-Diesters of 5-Fluoro-2'-Deoxyuridine and Thymidine: Hydrolysis by Esterases in Human, Mouse, and Insect Tissue"
	Ensminger et al, Biochemical Pharmacology, V. 28 (1979) p. 1541-1545 "Thymidine 5'-O-Pivoloate: A Prodrug Derivative of Thymidine with Potential Applications in High-Dose Methotrexate Therapy"
	Martin et al, Cancer Research, V. 42 (October 1982) p. 3964-3970 "High-Dose 5-Fluorouracil with Delayer Uridine 'Rescue' in Mice"

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Date Considered

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